REMARKS

Claims 17 and 20 have been cancelled. Claims 1, 12, 15, 16, 21, and 22 have been amended to clarify the subject matter regarded as the invention. Claims 1-16, 18, 19, 21, and 22 are pending.

Claims 12, 15, and 16 have been amended in a manner believed to overcome the rejections under 35 USC 112, second paragraph. The cancellation of claim 20 is believed to render moot the rejection under 35 USC 101.

The Examiner has rejected the remaining claims under 35 USC 103(a). The rejection is respectfully traversed. The office action acknowledges that Hillhouse does not teach "converting traffic data into a wave vector" and relies on Partridge to satisfy that element. A "wave vector" based on untransformed packet arrival time information not included in the traffic data itself, as taught by Partridge, is not the same as a wave vector that "comprises numerical representations of the traffic data obtained by applying a transformation to a data sequence in the traffic data," as recited in claims 1, 21, and 22 as amended. Support for the amendments to claims 1, 21, and 22 may be found, without limitation, in the application at page 6, lines 3-5. As such, claims 1, 21, and 22 are believed to be allowable. Claims 2-16, 18, and 19 depend from claim 1 and are believed to be allowable for the same reasons.

The foregoing amendments are not to be taken as an admission of unpatentability of any of the claims prior to the amendments. Reconsideration of the application and allowance of all claims are respectfully requested based on the preceding remarks. If at any time the Examiner believes that an interview would be helpful, please contact the undersigned.

Respectfully submitted,

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